

Hospitalizations for Work-related Injuries

Massachusetts 1996

Nature of Injury by Body Region

				Gender		Gender	
				Female	Male	Female	Male
Nature of Injury	Body Region	Number of Injuries	Injuries per 100,000 FTEs	Number of Injuries	Number of Injuries	Injuries per 100,000 FTEs	Injuries per 100,000 FTEs
ALL INJURIES		1514	52.75	261	1253	21.57	75.48
FRACTURES		704	24.53	150	554	12.40	33.37
	Head & Neck	41	1.43	(a)	41	(a)	2.47
	Torso	84	2.93	10	74	0.83	4.46
	Extremities	579	20.17	140	439	11.57	26.45
DISLOCATION		38	1.32	10	28	0.83	1.69
	Torso	9	0.31	(a)	7	(a)	0.42
	Extremities	29	1.01	8	21	0.66	1.27
SPRAINS & STRAINS		246	8.57	50	196	4.13	11.81
	Torso	21	0.73	(a)	18	(a)	1.08
	Extremities	225	7.84	47	178	3.88	10.72
INTERNAL ORGAN		110	3.83	10	100	0.83	6.02
	Head & Neck	61	2.13	6	55	0.50	3.31
	Torso	49	1.71	4	45	0.33	2.71
OPEN WOUNDS		130	4.53	9	121	0.74	7.29
	Head & Neck	30	1.05	(a)	28	(a)	1.69
	Torso	4	0.14	(a)	4	(a)	(a)
	Extremities	95	3.31	7	88	0.58	5.30
AMPUTATIONS		51	1.78	(a)	48	(a)	2.89
	Extremities	51	1.78	(a)	48	(a)	2.89
SUPERFICIAL/CONTUSIONS		17	0.59	(a)	15	(a)	0.90
	Head & Neck	(a)	(a)	(a)	(a)	(a)	(a)
	Torso	(a)	(a)	(a)	(a)	(a)	(a)
CRUSHING		32	1.11	(a)	29	(a)	1.75
	Extremities	32	1.11	(a)	29	(a)	1.75
BURNS		121	4.22	12	109	0.99	6.57
	Head & Neck	24	0.84	(a)	23	(a)	1.39
	Torso	13	0.45	4	9	0.33	0.54
	Extremities	78	2.72	6	72	0.50	4.34
OTHER & UNSPECIFIED (b)		65	2.26	12	53	0.99	3.19
	Head & Neck	(a)	(a)	(a)	(a)	(a)	(a)
	Torso	5	0.17	(a)	(a)	(a)	(a)
	Extremities	20	0.70	(a)	17	(a)	1.02

Source: Hospital Discharge Data, for 1 January 1996 through 31 December 1996, Massachusetts Department of Health Care Finance and Policy

(a) Counts not shown and rates not calculated for cells with less than four cases. Rates based on counts less than 20 may be unstable

(b) Other and unspecified includes blood vessel injuries, nerve injuries, systemwide and late effects and nature of injury unspecified or missing.

A hospitalization for an injury is defined as a any case having an ICD-9-CM Nature of Injury Code of 800-999 in the primary diagnosis field.

Attribution of work-relatedness based on designation of Workers' Compensation Insurance as expected payer.

Injuries per 100,000 FTE calculated as number of injuries / FTEs*100,000. FTEs= total hours per year/2000.

Total hours worked for Massachusetts residents obtained from Current Population Survey(CPS), US Census Bureau, for January 1996 through December 1996

Nature of Injury and Body Region groupings are based on Barell Injury Matrix, Barell, et al, Inj Prev. 2002 Jun;8(2):91-6.